



Contents of Volume 50

Number 1

- 1 Publisher's note
- 3 Diffusion coefficients for direct dyes in aqueous and polar aprotic solvents by the NMR pulsed-field gradient technique
M.K. INGLESBY & S.H. ZERONIAN (USA)
- 13 Synthesis of heteroaryl pyridone methine dyes
A. NI, K. CHEN & H. TIAN (PR China)
- 21 Interaction of cyanine dyes with nucleic acids — XXVII: synthesis and spectral properties of novel homodi- and homotrimeric monomethine cyanine dyes
S.M. YARMOLUK, V.B. KOVALSKA & I.A. KOCHESHEV (Ukraine)
- 29 Thermodynamic studies of 2-(5-bromo-2-pyridylazo)-5-diethylamino)phenol Cu(II), Co(II), Ni(II) and Zn(II) complexes
S. TOPU, N. MENEK & E. EREN (Turkey)
- 35 Interactions of stilbazolium merocyanine with transition metal ions
R. CEGIELSKI, M. NIEDBALSKA & H. MANIKOWSKI (Poland)
- 41 Effect of surface modification on physicochemical properties of precipitated sodium-aluminium silicate, used as a pigment in acrylic dispersion paints
R. WERNER, A. KRYSZTAKIEWICZ, A. DEC & T. JESIONOWSKI (Poland)
- 55 Disperse dyeing of polyester fiber using gemini surfactants containing ammonium cations as auxiliaries
T.-S. CHOI, Y. SHIMIZU, H. SHIRAI & K. HAMADA (Japan)
- 67 Synthesis and characterisation of methine dyes derived from *N,N*-disubstituted 2-aminoselenazoles and some of their heterocyclic sulfur analogues
D. KEIL, R. FLAIG, A. SCHROEDER & H. HARTMANN (Germany)
- 77 Anionic dye-cationic surfactant interactions in water-ethanol mixed solvent
S. BRAČKO & J. ŠPAN (Slovenia)
- 85 Erratum

Number 2

- 87 Direct urea-based dyes derived from diamines with increased solubilities
J. SZADOWSKI, Z. NIEWIADOMSKI & K. WOJCIECHOWSKI (Poland)
- 93 Synthesis, characterisation and application of disperse dyes derived from *N*-2-hydroxyethyl-1-naphthylamine
K.L. GEORGIADOU & E.G. TSATSARONI (Greece)
- 99 New syntheses and spectral properties of diazepine fluorescent dyes with non-planar molecular structure
E. HORIGUCHI, K. SHIRAI (Japan), J. JAUNG (South Korea), M. FURUSYO, K. TAKAGI & M. MATSUOKA (Japan)

- 109 Surface plasmon resonance spectroscopy as a probe of photo-induced switching in self-assembled spiroxazine monolayer
S.-H. KIM, S.-W. CHOI, J.-H. KIM, S.-H. JIN, Y.-S. GAL, J.-H. RYU, J.-Z. CUI & K. KOH (Korea)
- 117 Synthesis and application of an alkali-clearable azo disperse dye containing a fluorosulfonyl group and analysis of its alkali-hydrolysis kinetics
J. KOH (South Korea) & A.J. GREAVES (UK)
- 127 Melting-reactive dyes for mass coloration of synthetic fibres (II)—1,4-dihydroxyanthraquinone diglycidyl ether in nylon
Q. MENG, D. HUANG, L. CHEN & S. WEI (China)
- 133 Metabolites of monomethoxy-4-aminoazobenzene dyes: a computational study
K.L. BHAT, A. GARG, M. TRACHTMAN & C.W. BOCK (USA)
- 151 Fluorescent indolium dyes for applications in aqueous halide sensing—part 2: the repeated alkylation of Harmane post quaternisation
C.D. GEDDES (UK)
- 157 Synthesis and spectroscopic properties of new Schiff bases containing the *N*-phenylaza-15-crown-5 moiety
M.P. VLADIMIROVA, S.D. SIMOVA, E.R. STANOEVA & M.I. MITEWA (Bulgaria)

Number 3

- 163 Synthesis of a porphyrin-C₆₀ dyad for potential use in solar energy conversion
F. FUNGO, L.A. OTERO, L. SERENO, J.J. SILBER & E.N. DURANTINI (Argentina)
- 171 Synthesis and properties of thermo- and photochromic bisindolinobenzospirobifluorans linked by thio- and carbonyl groups
S.-R. KEUM, Y.-K. CHOI, M.-J. LEE & S.-H. KIM (South Korea)
- 177 Effect of EDTA on total dissolved copper concentration in textile effluents
Y. WU & G.L. BAUGHMAN (USA)
- 185 Photofading, photosensitization and the effect of aggregation on the fading of triphenodioxazine and copper phthalocyanine dyes on cellulosic film
T. HIHARA, Y. OKADA & Z. MORITA (Japan)
- 203 ²⁷Al, ¹⁵N, ¹³C and ¹H NMR spectra and negative-ion electrospray mass spectra of the 2:1 aluminium(III) complexes of azo dyes derived from anthranilic acid
A. LYČKA, D. LUŠTINEC, J. HOLEČEK, M. NÁDVORNÍK & M. HOLČAPEK (Czech Republic)
- 211 Assessment of the application of cathodic stripping voltammetry to the analysis of diazo reactive dyes and their hydrolysis products
C.C.I. GUARATINI (Brazil), A.G. FOGG (UK) & M.V.B. ZANONI (Brazil)
- 223 The stability of monochlorotriazinyl reactive dyes on cellulose films in aqueous alkaline solutions containing peroxide bleaching agents
A. SUGANE, A. WATANABE, Y. OKADA & Z. MORITA (Japan)

Short communication

- 243 Optimisation of the synthesis of a water-soluble sulfur black dye
M. WANG, J. YANG & H. WANG (China)